

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

50234-00001

In Re Application Of: **BEATON et al.**

10/534517

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/534,517	11/21/2003	Not Yet Assigned	25231		5092

Title: **METHODS FOR IMPROVING CROP GROWTH**

Address to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

50234-00001

In Re Application of: **BEATON et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/534,517	11/21/2003	Not Yet Assigned	25231		5092

Title: **METHODS FOR IMPROVING CROP GROWTH****Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

October 19, 2005

(Date)

Valerie Perry

Signature of Person Mailing Correspondence

Valerie Perry

Typed or Printed Name of Person Mailing Certificate

***This certificate may only be used if paying by deposit account.**


SignatureDated: **October 19, 2005**

René A. Pereyra, Esq.
Registration No. 45,800
Marsh Fischmann & Breyfogle LLP
3151 South Vaughn Way, Suite 411
Aurora, Colorado 80014
303-338-0997

cc:

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	AA.	"Technologies for the Treatment of Urban Waste", French Trade Commission, Level 35, St. Martins Tower, 31 Market Street, Sydney 2000, Australia, 1 page
	BB.	"Anaerobic Digestion of Piggery Wastes in Victoria, Australia", Technical Brochure No. 4, CADDET Centre for Renewable Energy, ETSU B153, Harwell, Oxfordshire OX11 0RA, United Kingdom, 4 pages

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	CC.	Pierson, S.T. et al., "Phosphorus Losses from Grasslands Fertilized with Broiler Litter: EPIC Simulations", J. Environ. Qual. 30:1790-1795 (2001)
	DD.	Johnson, Alan D. et al., "LEACHN Simulations of Nitrogen Dynamics and Water Drainage in an Ultisol", Agron. J. 91:597-606 (1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	GG.	Derwent Abstract Accession No. 2003-076704/08, Class C04, DE 10120372 A1 (OESTE F D) 31 October 2002; See whole abstract
	HH.	Derwent Abstract Accession No. 2003-047421/05, Class C04, CN 1355156 A (ZHU G) 26 June 2002; See whole abstract

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	II.	Derwent Abstract Accession No. 2002-616980/66, Class A97, C04, US 2002053229 A1 (VARSHOVI A) 9 May 2002; See whole abstract
	JJ.	Derwent Abstract Accession No. 2002-078133/11, Class C04, D15, JP 2001261477 A (NIPPON SEISHI KK) 26 September 2001; See whole abstract

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application	

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	OO.	Derwent Abstract Accession No. 94-127474/16, Class C04, DE 4240807 C 1 (EHRKE M) 5 May 1994; See whole abstract
	PP.	Derwent Abstract Accession No. 92-341138/42, Class P43, DE 4110950 A (ZGE DUENGESTOFFE GROSS-KREUTZ) 8 October 1992; See whole abstract

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application	

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	SS.	Derwent Abstract Accession No. 70392 E/34, Class C04, DE 3101801 A (HORA LANDWIRTSCHAFT) 19 August 1982; See whole abstract
	TT.	Derwent WPAT Online Abstract Accession No. 1973-70349U [46], JP 73037457 B 0 (KUREHA KAGAKU KOGYO KK) DW 1973-46; See whole abstract

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application	

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (optional) 50234-00001		Application Number 10/534,517	
				Applicant(s) BEATON et al.			
				Filing Date November 21, 2003		Group Art Unit	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	UU.	Derwent WPAT Online Abstract Accession No. 1971-46715S [28], DE 1963177 A 0 (WINTERSHALL AG) DW 1971-28; See whole abstract
	VV.	Derwent WPAT Online Abstract Accession No. 1971-79019S [50], DE 2026186 A 0 (REPPERT RL VON) DW 1971-50; See whole abstract

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application

